

## Product datasheet for **SC401323**

### MIR3130-2 Human MicroRNA Expression Plasmid (MI0014148)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | MicroRNA Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species:                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Vector:                   | pCMV-MIR (PCMVMIR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Precursor:                | CUUGUCAUGUCUUACCCAGUCUCCGGUGCAGCCUUGACAACAGGCUGCACCGGAGACUGGGUAGACAUGACAAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mature Sequence:          | UACCCAGUCUCCGGUGCAGCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Full insert:              | >MI0014148 CTAGGGCAGTTGTGAAGTCTCAGTGGCAAGATGCACAGGCCATCTGTTTGCCATCAAATGACTTGACTC<br>CAGCTGCTTGCTTTCCTTTTAGTTTTCCCTCCAGATTTAGATTTCTGAAAGAGAACATCTGATTGACTGA<br>GTTTGAGTCAAATGCCATCCCTTAGGGGCAGTTAATCAATTAAGTGGTGTGAGGCCAACTAAAAAGCAG<br>CTTCCCACTGTACTGTCCACTGAATGGACAGACTCAGCTCATACTGCATTTCTGTGTCTTCCCTAATTG<br>TCACCGTCAGAGTCCCTGTGCTTGTCATGTCTTACCCAGTCTCCGGTGCAGCCTTGACAACAGGCTGCAC<br>CGGAGACTGGGTAAAGACATGACAAGTTGTGTACATCATTGTTGTGTGTCAGTAAGTCTGTCTCTGCTCCT<br>CAGTTGGTAAGCTCTCCGGAGTCCGACCCAGCTGCCTGTTTTCTGAAGTCTAGTACAGGACCTGCCAAAG<br>AGTAGACATTTAATAAAGGTCGAAAAATATCTCCAAATTCAATCTTCTTTACTCCCCTGGCTTCATTT<br>TCTTCTGAGGCTGGCTCCCATTTGATGCCTTGACTTTCTAGACAAATAATATCAAGCTAAGTGGAATTA<br>AACTCCAGAAACAGCCCCAGAGGGATTAAGAGAGTAAGTACTGG |
| OTI Disclaimer:           | All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in <a href="#">miRBase</a> . The flanking sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms. This should not affect the function of the mature miRNA.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Components:               | 1 x 10 ug vial miRNA plasmid lyophilized in a 2-D bar-coded Matrix tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Also Contains:            | Both mature and minor (star) miRNA can be over expressed from the construct.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq:                   | <a href="#">MI0014148</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms:                 | MIR3130-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Locus ID:                 | 100423002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |


[View online »](#)